

EAST Search History

L12	36	gain adj offset and channel adj estimat\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/16 10:18
L13	16	second adj set adj channel adj estimates	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/16 10:43

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	88	((JOHAN) near2 (NILSSON)).INV.	US-PGPUB; USPAT	OR	OFF	2007/10/16 09:49
L2	4891	gain adj offset	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/16 10:16
L3	4	1 and 2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/16 09:56
L4	78	set adj channel adj estimates	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/16 10:43
L5	5	2 and 4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/16 09:56
L6	1	2003-606604.NRAN.	DERWENT	OR	OFF	2007/10/16 09:57
L7	1	2003-606604.NRAN.	DERWENT	OR	OFF	2007/10/16 10:00
L8	35	determining adj gain adj offset	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/16 10:14
L9	2516	channel adj estimates	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/16 10:15
L10	3	8 and 9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/16 10:15
L11	9	gain adj offset with channel adj estimat\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/16 10:18

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#2 ((gain offset<in>metadata) <and> (channel estimates<in>metadata))

#3 ((gain offset<in>metadata) <and> (channel estimates<in>metadata))

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METHOD FOR DETERMINING A GAIN OFFSET BETWEEN TRANSMISSION CHANNELS ...

determining a set of **channel estimate** gains based on the **gain offset** and [0075] The

complex **channel estimates** $h < ML >$ together with the **gain offset** g ...

www.freepatentsonline.com/EP1449313.html - 56k - [Cached](#) - [Similar pages](#)

Determination of a channel estimate of a transmission channel ...

In step 302, the DPCH **channel estimates** $h < AND >$ DPCH_{j,f} for time slot j are

determined as described above. In subsequent step 303, the **gain offset** or ...

www.freepatentsonline.com/EP1480350.html - 62k - [Cached](#) - [Similar pages](#)

Method and apparatus for estimating gain offsets for amplitude ...

Thus, despreading circuits 42 and 44, the **channel estimator** 46, [0034] With an updated

estimate of the **gain offset** g thus available, the **gain** ...

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Method and apparatus for channel estimation using plural channels ...

The **gain offset** is determined at the receiver using a second-order equation based on the

first and second sets of **channel estimates**. ...

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METHOD AND APPARATUS FOR ESTIMATION OF PHASE OFFSET BETWEEN ...

Such a "**gain offset**" between the DPCH and CPICH can be compensated for accurate

Once the phase **offset** is estimated, a complex **channel estimate** may be ...

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Enhanced channel parameter estimation in the presence of preamble ...

In many communications systems, a preamble sequence is used to **estimate channel**

parameters such as carrier frequency and phase offsets, and **channel gain**. ...

www.freepatentsonline.com/7215725.html - 65k - [Cached](#) - [Similar pages](#)

Method and apparatus for estimating and correcting gain and phase ...

This invention **estimates** the **gain** and phase imbalance by monitoring the Then,

ignoring the DC **offset** ($\phi=0$) and assuming the unit **channel gain** ($\alpha=1$), ...

www.freepatentsonline.com/7076008.html - 37k - [Cached](#) - [Similar pages](#)

Method and apparatus for communication channel error rate ...

Further, an SIR **estimate** utilizing the CPICH **channel estimate** and an **estimate** of the

gain offset g can be obtained as $E^s N^o = (-Nf + g^2 \cdot \text{times} \dots$...

www.freepatentsonline.com/20060262754.html - 75k - [Cached](#) - [Similar pages](#)

Method and apparatus for estimating and correcting gain and phase ...

3 shows a graph showing mean of the **gain offset** estimator versus true **gain** First, a raw

channel estimation is used to **estimate** the **gain/phase mismatch**. ...

www.freepatentsonline.com/20030095589.html - 35k - [Cached](#) - [Similar pages](#)

Method and apparatus for efficient determination of channel ...

A method and apparatus for obtaining a **channel estimate** and a baud frequency **offset**

estimate for a communications **channel** in a communications system.

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